

ABSTRACT OF THE DISCLOSURE

When obtaining the newest N data of successively supplied data while deleting old data to store them temporarily, a
5 difference between a data value supplied just before and a
data value to be deleted is supplied from a data updating portion.
The difference value and a result of preceding FFT operation
just before stored in a memory portion temporarily are supplied
to a recursive DFT operating portion. These values are
10 subjected to arithmetic operation according to a predetermined
method so as to output the result of FFT operation on the newest
 N data values.

09091395 062704
197290 262660